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IS 10328 (1982): Methods of expression of dimensions and direction of manufacture of unprocessed writing and printing paper [CHD 15: Paper and its products]



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Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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IS : 10328 - 1982

Indian Standard

METHOD OF EXPRESSION OF
DIMENSIONS AND DIRECTION OF
MANUFACTURE OF UNPROCESSED
WRITING AND PRINTING PAPER

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METHOD OF EXPRESSION OF DIMENSIONS AND DIRECTION OF MANUFACTURE OF UNPROCESSED WRITING AND PRINTING PAPER

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METHOD OF EXPRESSION OF DIMENSIONS AND DIRECTION OF MANUFACTURE OF UNPROCESSED WRITING AND PRINTING PAPER

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 31 August 1982, after the draft finalized by the Paper and Its Products (Excluding Packaging Materials) Sectional Committee had been approved by the Chemical Division Council.

0.2 Absorption of extra moisture by paper is accompanied by expansion, which is greater in the cross direction than in the machine direction. Therefore, care should be taken in cutting sheets from reels, specially of lithographic and offset printing papers, to keep the larger dimension of the sheet along machine direction.

0.2.1 Paper tears and folds more easily in the machine direction than in the cross direction. It may, therefore, in certain applications be helpful if the direction of manufacture is specified.

0.3 This standard is based on ISO 217-1974 'Unprocessed writing and printing paper — Methods of expression of dimensions and direction of manufacture' issued by the International Organization for Standardization.

1. SCOPE

1.1 This standard specifies the method of expression of dimensions and direction of manufacture of unprocessed (not written upon, not ruled and not punched) writing and printing paper.

2. TERMINOLOGY

2.1 For the purpose of this standard, the definitions given in IS : 4661-1968* shall apply.

*Glossary of terms used in paper trade and industry.

3. EXPRESSION OF DIMENSIONS

3.1 The size shall be designated by its two dimensions, width and length, indicating the width (smaller dimension) first.

4. DIRECTION OF MANUFACTURE

4.1 Where it is necessary, the machine direction shall be indicated as given in **4.1.1** and **4.1.2**.

4.1.1 On written documents, orders, invoices, etc, the machine direction shall be indicated by the letter 'M' placed after the dimension parallel to the machine direction.

4.1.2 On packets, reams or packages, the machine direction shall be indicated:

- a) by the letter 'M' placed after the dimension parallel to the machine direction, or
- b) by an arrow parallel to the machine direction, or
- c) by a combination of both these methods.